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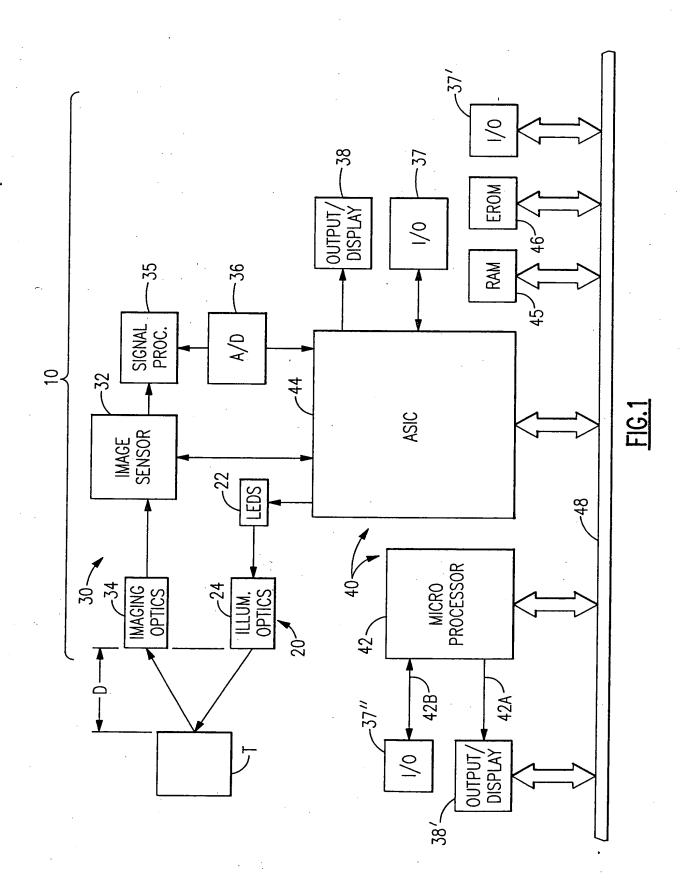
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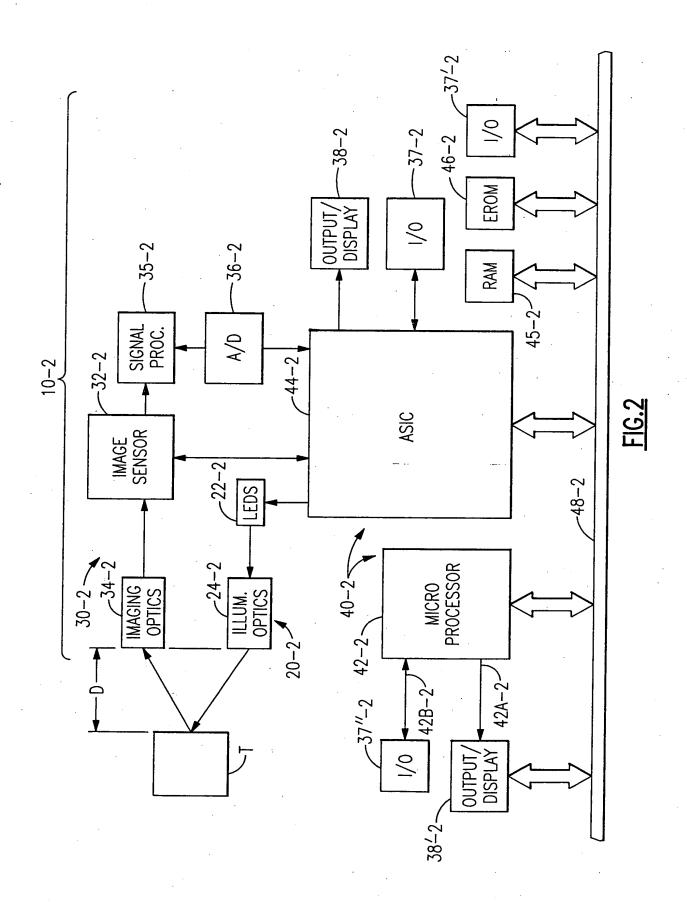
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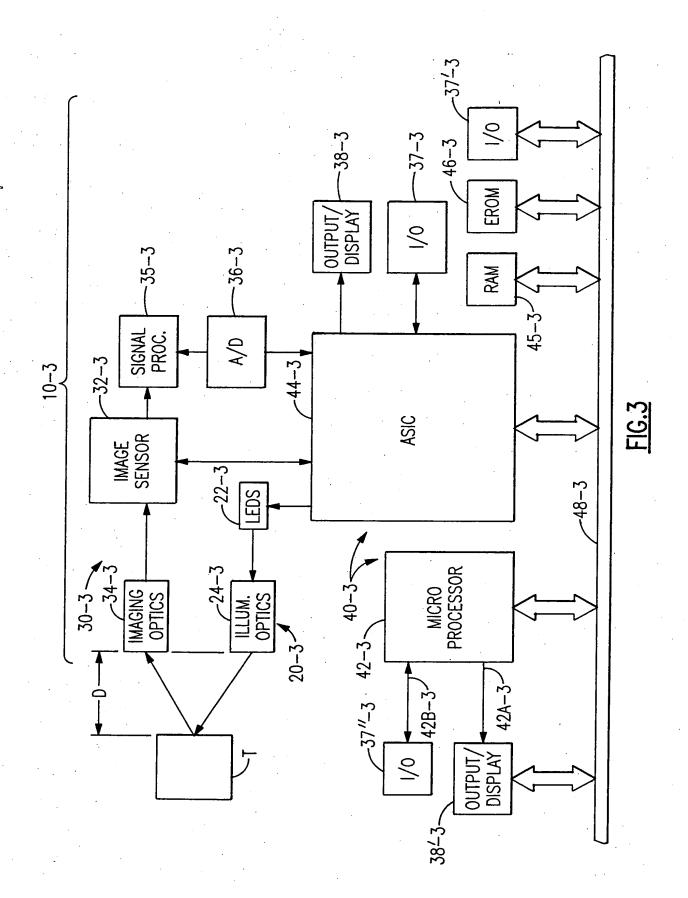
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- GRAY SCALE DOCUMENTS

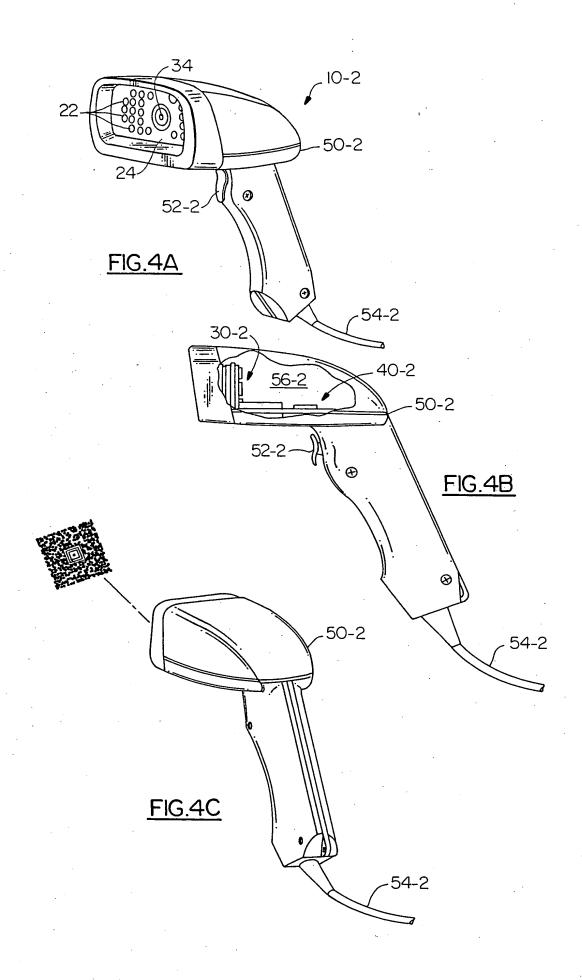
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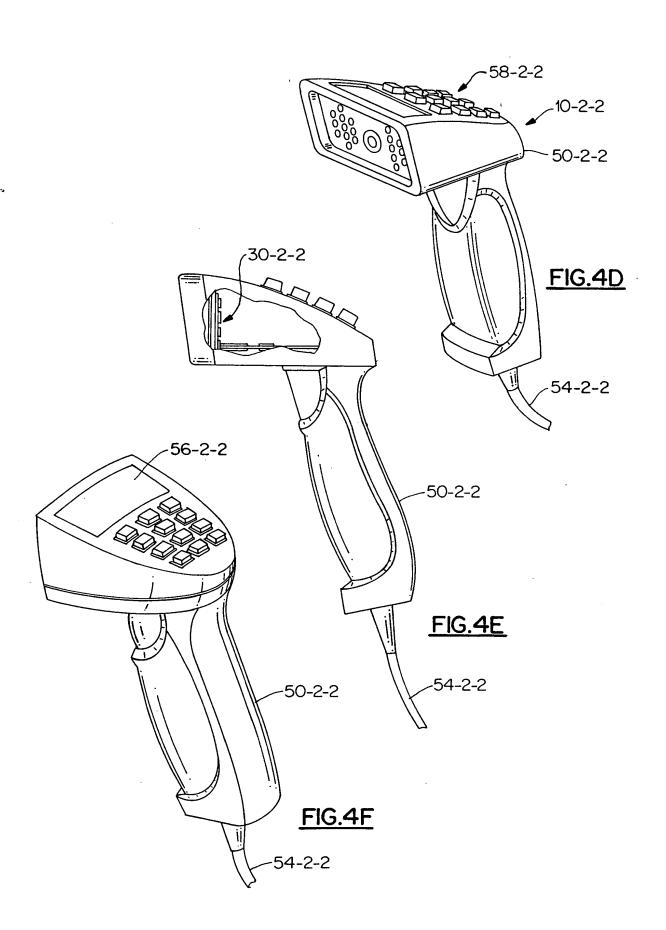
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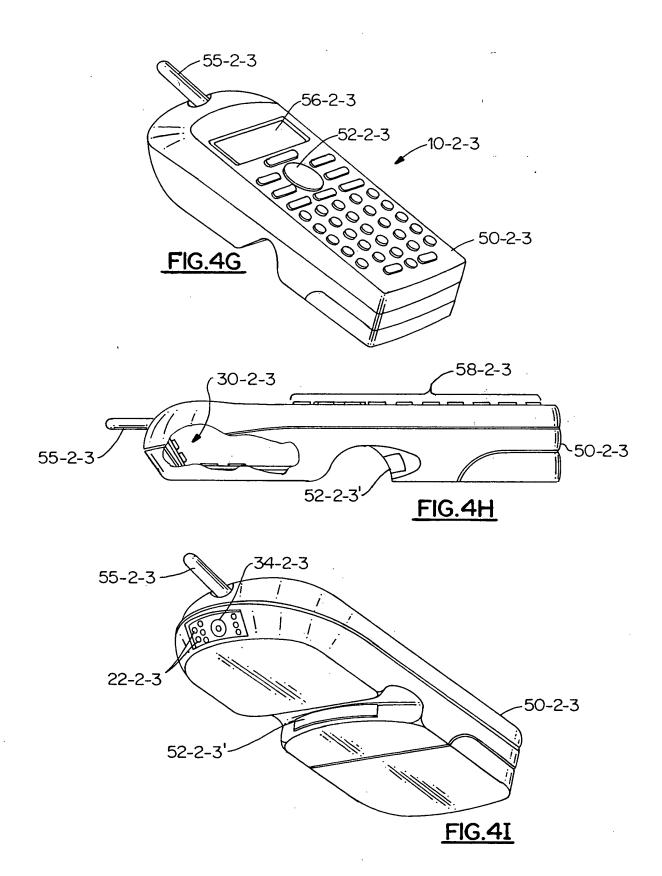


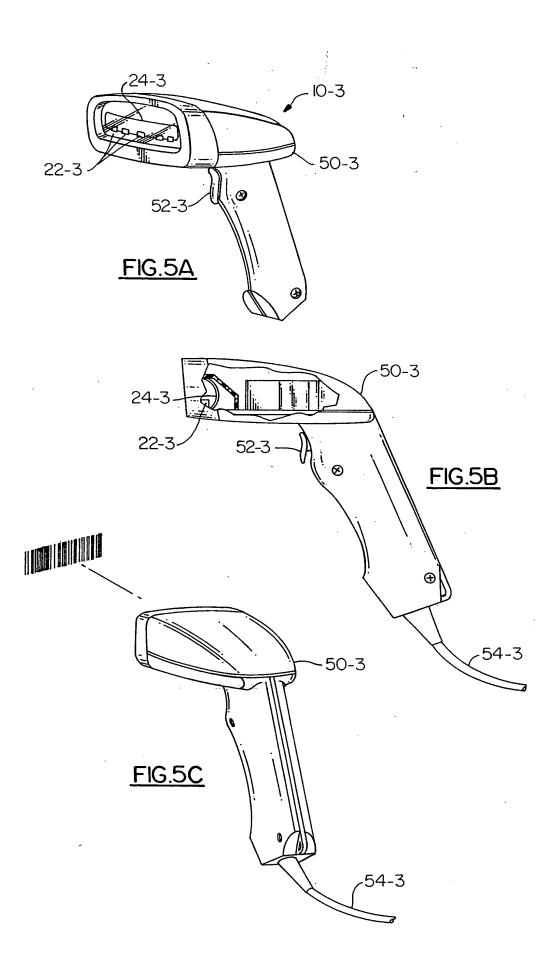


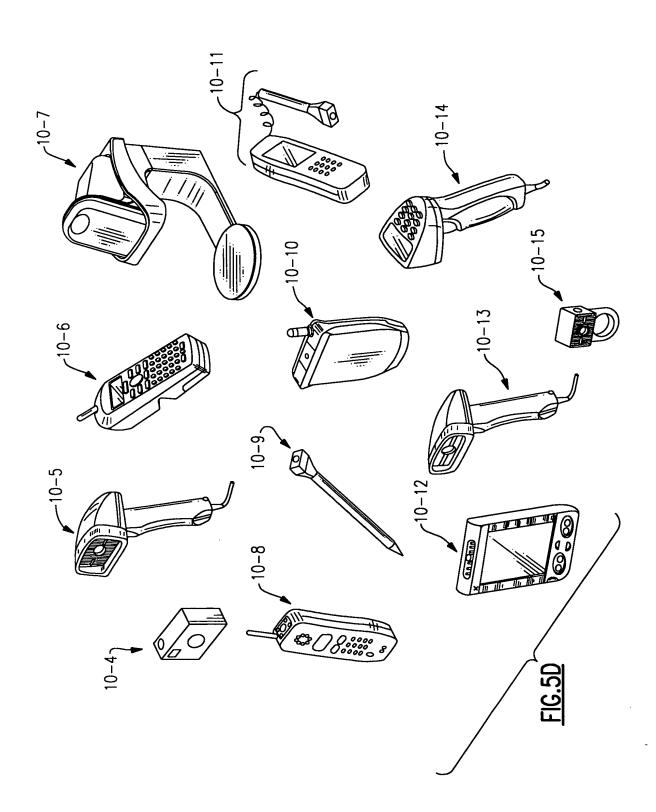












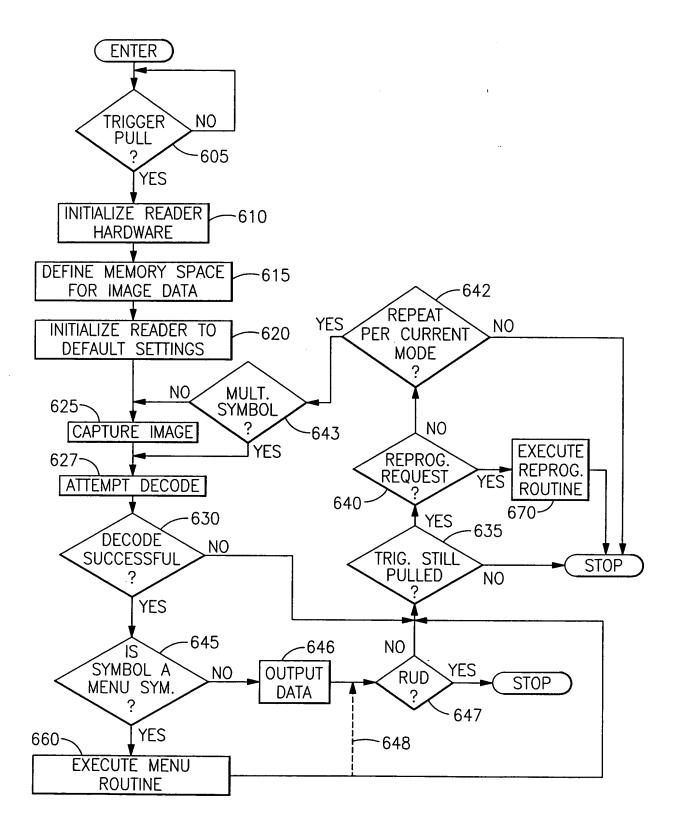
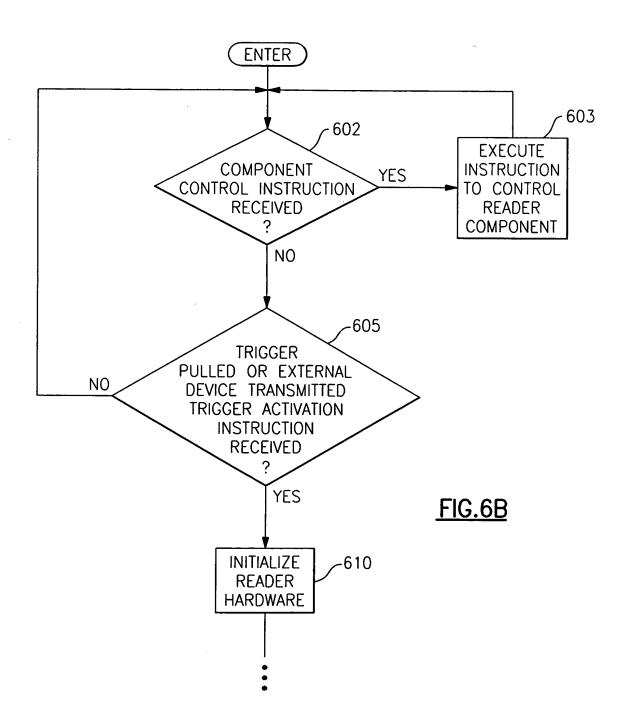


FIG.6A



	650-1	650-2	2 - 650 - 3	650-	4 _650-	-5 _650	) <del>-</del> 6	-650-7
	PRODUCT 1D CODE		OFFSET	DATA 0	DATA 1	DATA 2	DATA 3	
ر				650	FIG.	7A		<b>=</b>

#### OPTIONS (OFFSET) TABLE

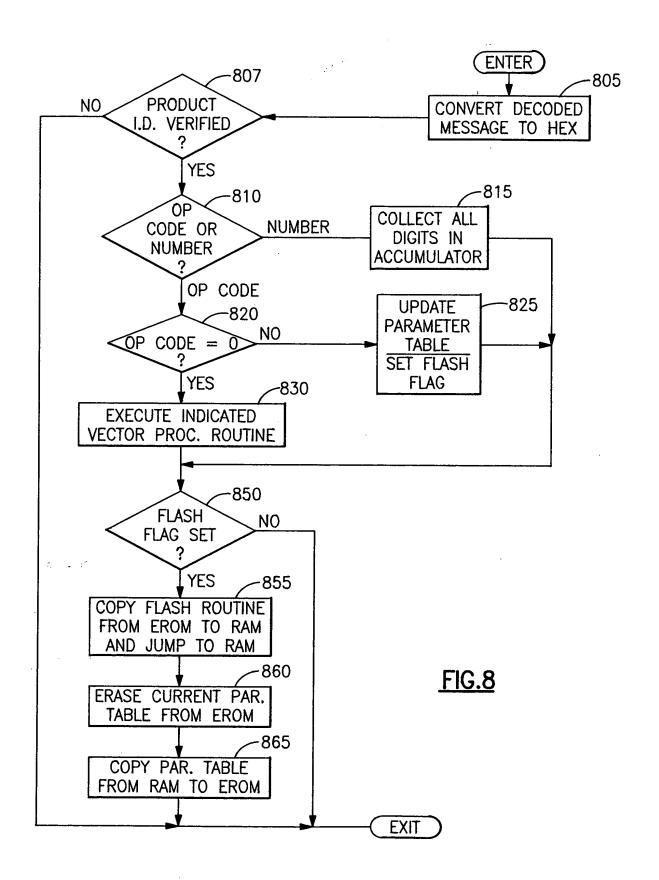
- A. COMMUNICATIONS OPTIONS
  - 1. RS-232
  - 2. BAUD RATE
  - 3. RF LINK
  - 4. ETHERNET
- B. CODE OPTIONS
  - 1. DISABLE 1D
  - 2. DISABLE 2D
  - 3. DISABLE INDIV.
  - 4. MIN-MAX LENGTH
  - 5. MULTIPLE SYMBOLS ENABLED
- C. SCANNING-DECODING OPTIONS
  - 1. ONE SHOT
  - 2. REPEAT UNTIL DONE
  - 3. REPEAT UNTIL STOPPED
  - 4. SCAN ON DEMAND
  - 5. SKIP SCAN
  - 6. DECODE ON DEMAND
- D. OPERATING OPTIONS
  - 1. BEEPER VOLUME
  - 2. AIMING LED ON/OFF
  - 3. AURAL FEEDBACK
- E. TRANSMIT OPTIONS
  - 1. SEND CHECK CHAR'S
  - 2. SEND CHECKSUM
  - 3. DATA EDIT OPTIONS

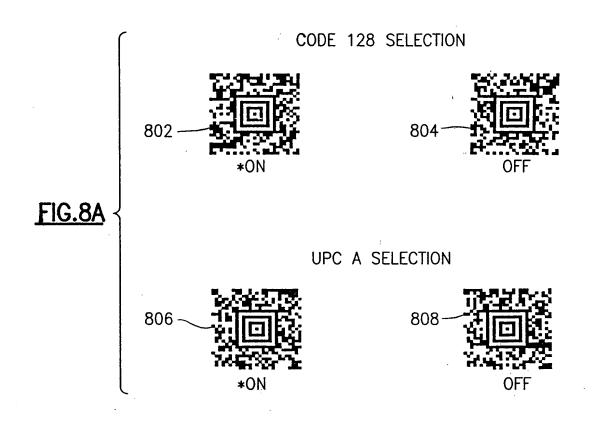
## FIG.7B

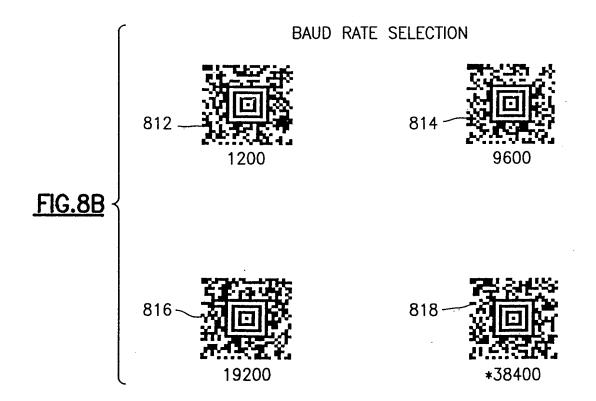
#### OP CODE TABLE

- A. OP CODE "O"-VECTOR PROC.
  - OUTPUT VERSION OF SOFTWARE
  - 2. OUTPUT CONTENTS OF PARAMETER TABLE
  - 3. DISPLAY ENABLED CODES
  - 4. PRINT PARAMETER TABLE AS BAR CODE SYMBOL
- B. OP CODE "1" CLEAR
- C, OP CODE "2" SET
- D. OP CODE "3" TOGGLE
- E. OP CODE "4" ADD
- F. OP CODE "5" DEFAULT
- G. OP CODE "6" LOAD
- H. OP CODE "7" RESERVED

## FIG.7C







## \*DEFAULT ALL CODE 11/CODE 128 SETTINGS\*



### CODE 11 SELECTION





FIG.8C



#### CODE 128 SELECTION



‡ A TWO-DIGIT NUMBER IS REQUIRED AFTER SCANNING THIS PROGRAMMING BAR CODE. PLEASE SCAN YOUR SELECTION ON THE PROGRAMMING CHART (INSIDE BACK COVER).

# RS-232D PORT 2 (D OUTPUT) \*DEFAULT ALL RS-232 PORT 2 SETTINGS\*



### CTS CHECK SELECTION



**ENABLE** 



# BAUD RATE SELECTION

# FIG.8D



300



600



1200



2400



4800

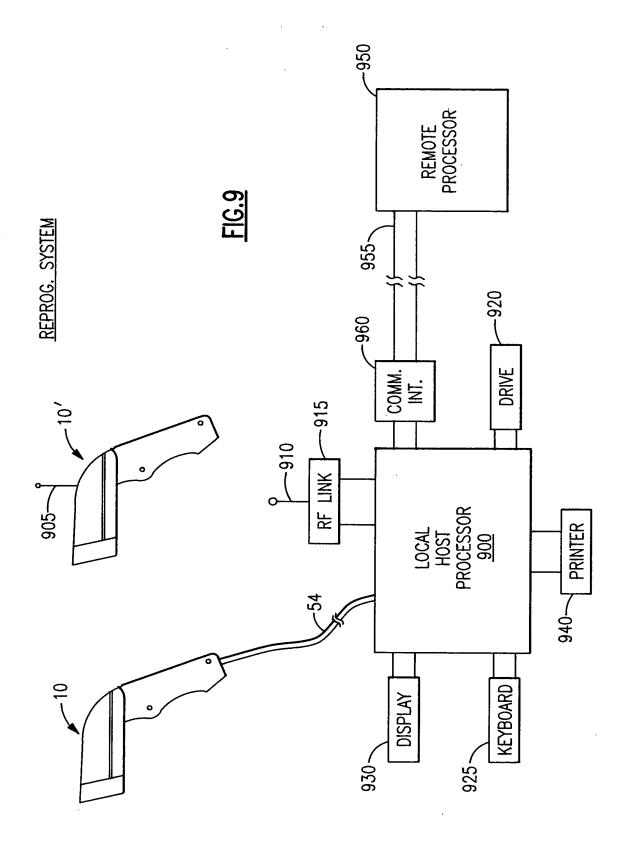


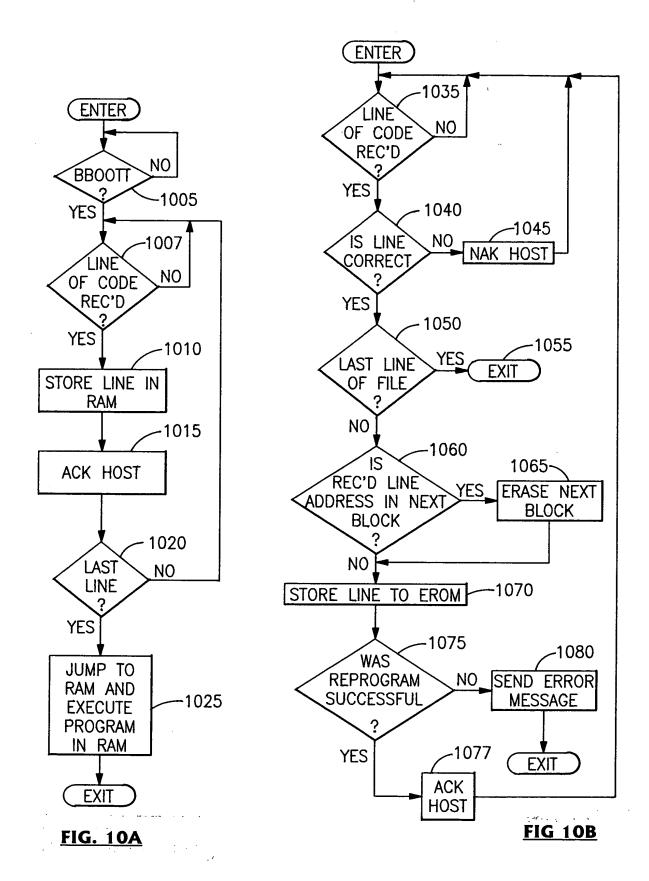
\*9600

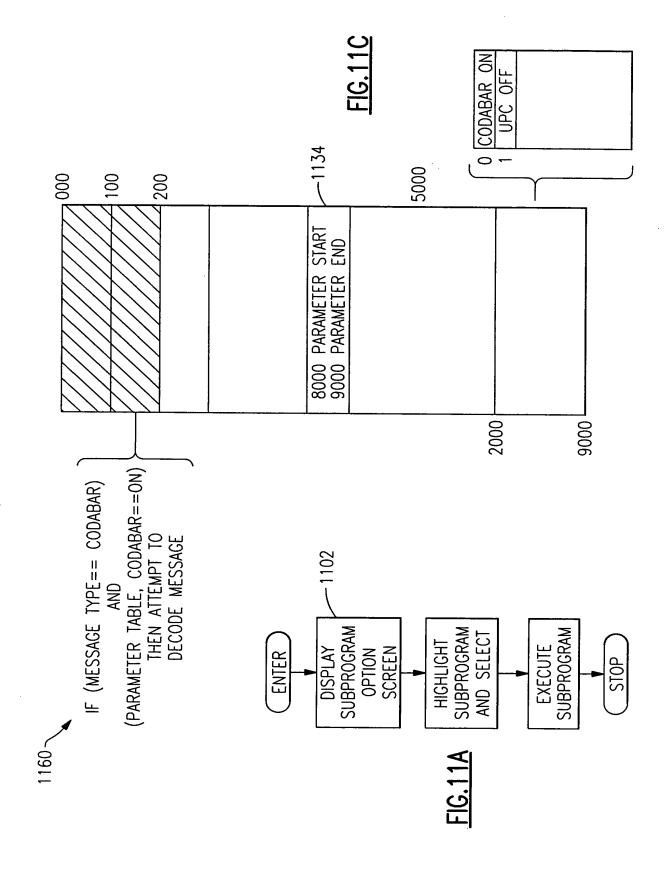


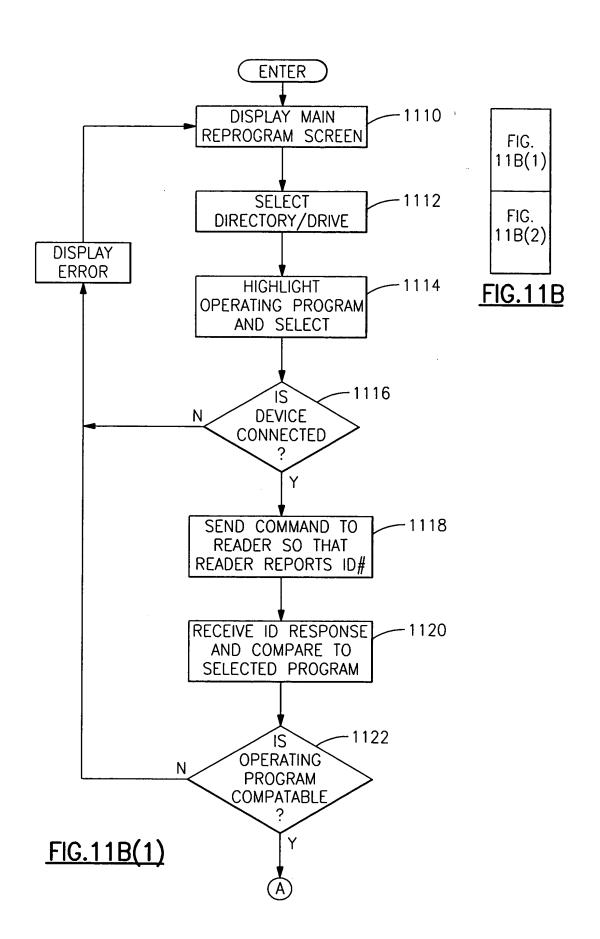
19200

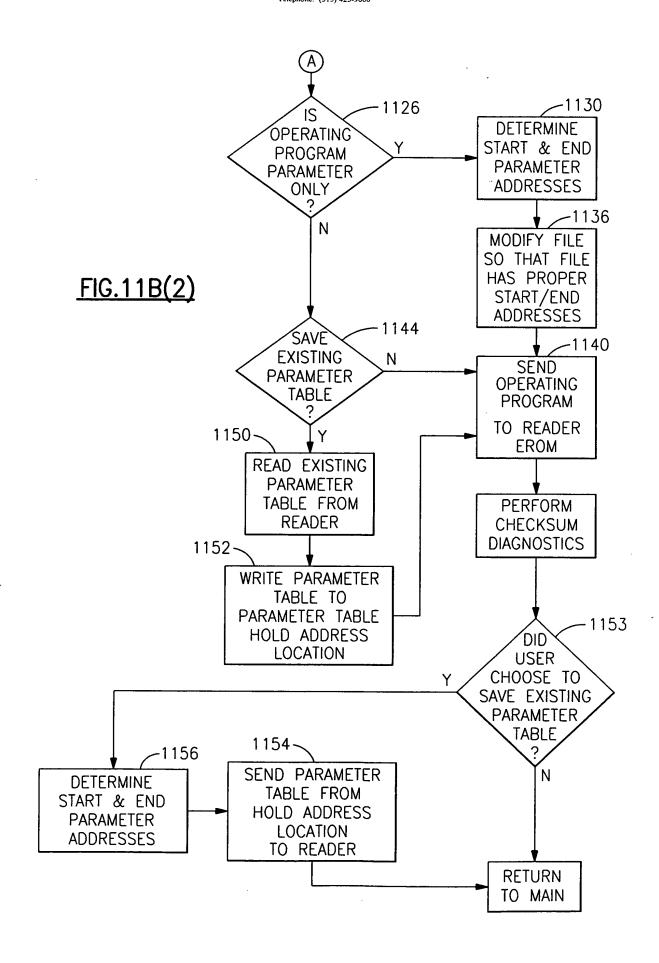
38400

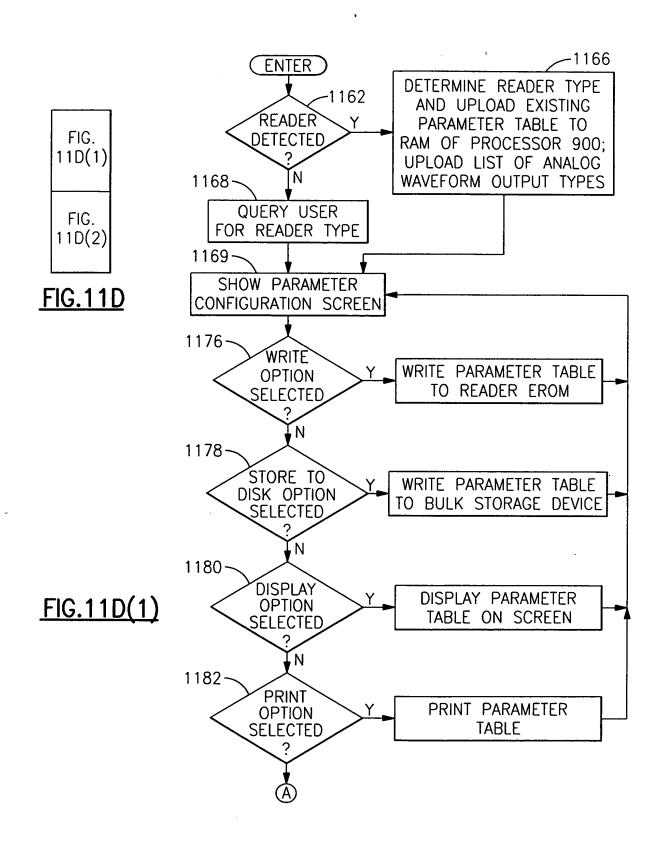


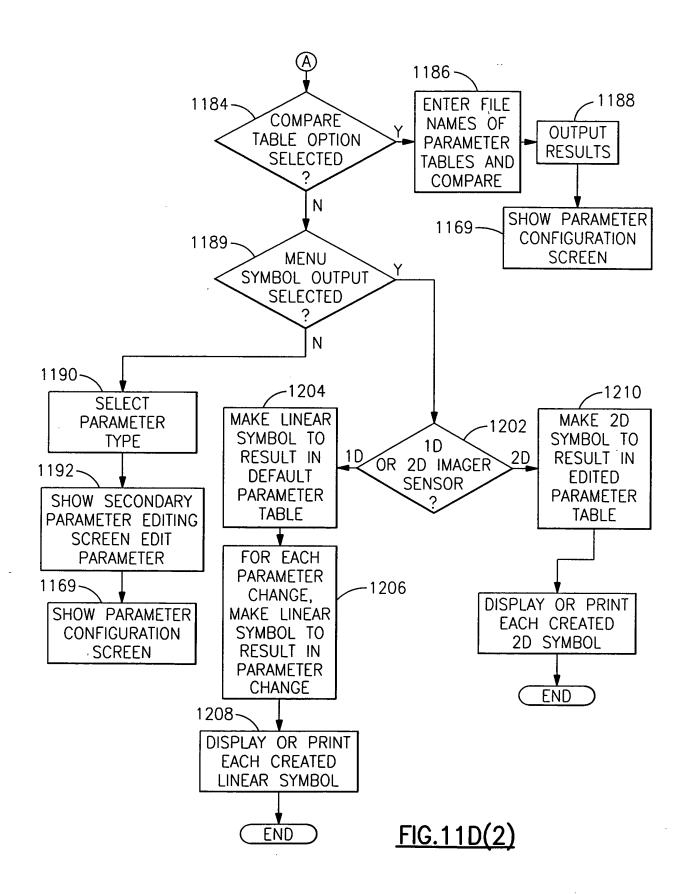






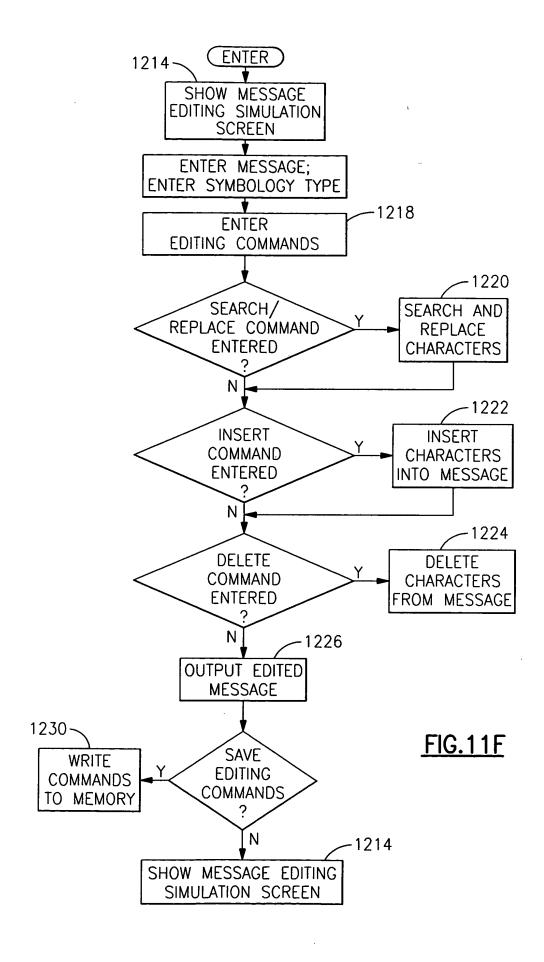






		TO SECUE AN PROFET DEVICE CONFIGURATION SECUENCIAL SECU	
	PR0DUCT: ST3400-x2	0-x2 FIRMWARE ID: [WA23720027	
	CONFIGURATION:	DESCRIPTION:	
	PREFIX/SUFFIX	SETUP CHARACTERS TO TRANSMIT BEFORE AND/OR  AFTER EACH BARCODE SYMBOL SCANNED	READ FROM DEVICE
	<u>O</u> UTPUT SETTINGS	SETUP VARIOUS OUTPUT PARAMETERS	WRITE TO DEVICE
<del></del>	SYMBOLOGY SETUP	SETUP DECODING CHARACTERISTICS FOR EACH BARCODE SYMBOLOGY SAV	LOAD FROM DISK
	IERMINAL INTERFACE	SELECT THE TERMINAL INTERFACE THE DEVICE  WILL CONNECT TO  DE	DEFAULT ALL
	DATA <u>F</u> ORMATTING	CUSTOMIZE THE FORMAT OF THE OUTPUT OF THE BARCODE MESSAGE	
	S <u>E</u> RIAL SETTINGS	SETUP THE DEVICE'S SERIAL COMMUNICATION PARAMETERS	HEIP
	MISC. SETTINGS	SETUP VARIOUS PRIMARY AND SECONDARY INTERFACE OPTIONS	CLOSE

FIG. 11E

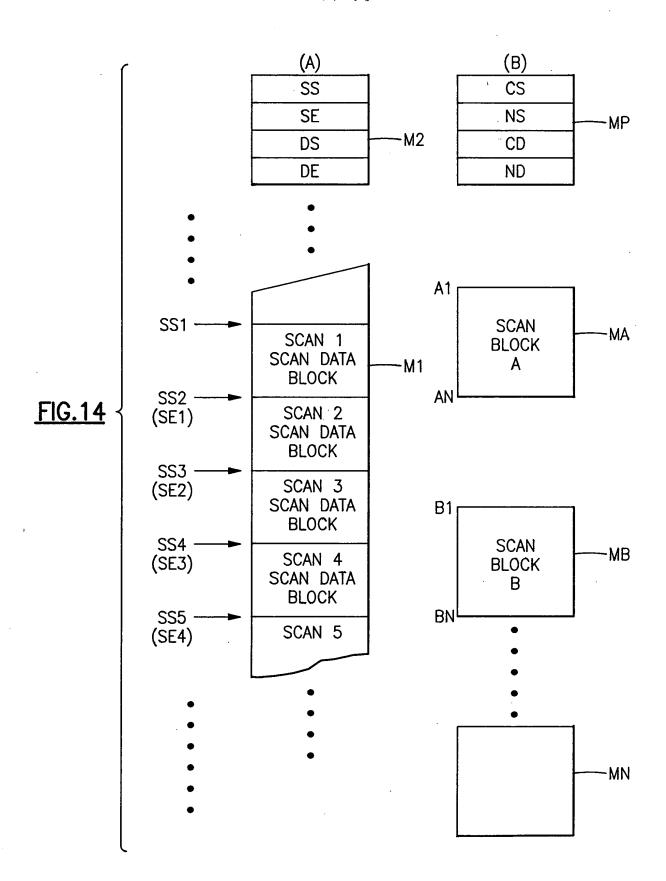


L	I III		SCAN 3	
SCAN5	DECODE SCAN 4	SCAN5	? DECODE	
SCAN 1 SCAN 2 SCAN 3 SCAN 4 SCAN5	DECODE SCAN 3	SCAN 1 SCAN 2 SCAN 3 SCAN 4 SCAN5	DECODE SCAN 1 DECODE SCAN 2 DECODE SCAN 3	
ISCAN 3	DECODE SCAN 2	ISCAN 3	SCAN 1	
ISCAN 2	DECODE SCAN 1	SCAN 2	DECODE	
31SCAN 1	()	31SCAN 1	(2)	
(A) LIGHT   SCANNING!S	DECODING	(B) HEAVY SCANNING I—S LOAD DECODING		
(A) LIGHT	COAD	(B) HEAVY	l COAD (	
	•			

Prior Art

			· · · · · · · · · · · · · · · · · · ·	
SCAN 8    DECODE    SCAN 7	SCAN 5 DECODE SCAN 4	SCAN 8     DECODE SCAN 7	SCAN 8   (MEM A)   DECODE SCAN 7 (MEMORY B)	SCAN 8   (MEM A)   DECODE SCAN 6 (MEMORY B)
SCAN 6   SCAN 7   DECODE   SCAN 5   SCAN 6	SCAN 4     DECODE SCAN 3	SCAN 6   SCAN 7 DECODE SCAN 5	SCAN 6   SCAN 7 (MEM B) (MEM B) DECODE SCAN 5 (MEMORY A)	SCAN 6   SCAN 7 (MEM B)   (MEM C)   DECODE SCAN 4   (MEMORY A)
SCAN 3   SCAN 4   SCAN 5   SCAN 6   SCAN 7   SCAN 8   DECODE   DECODE   DECODE   DECODE   DECODE   SCAN 2   SCAN 3   SCAN 4   SCAN 5   SCAN 6   SCAN 7	SCAN 3   DECODE SCAN 2	SCAN 1 DECODE SCAN 2 DECODE SCAN 5 DECODE	Z (S) Z	SCAN 4   SCAN 5   SCAN 6   SCAN 7   SCAN 8 (MEM A)   (MEM C)   (MEM B)   (MEM C)   (MEM A)  DECODE SCAN 2   DECODE SCAN 4   DECODE S (MEMORY B) (MEMORY A) (MEMORY
SCAN 2   SCAN 3 DECODE   DECODE   SCAN 1   SCAN 2	SCAN 1	SCAN 1   SCAN 2   SCAN 3   DECODE SCAN 1	SCAN 3 (MEM B) SCAN 1   SCAN 1	SCAN 2   SCAN 3   (MEM C)   DECODE SCAN 1   (MEMORY A)
SCAN 1	SCAN 1	SCAN 1	SCAN 1 (MEM A)	SCAN 1 (MEM A)
(A) SCANNING SCAN 1   SCAN 2   DECODE   SCAN 1	(B) SCANNING SCAN 1   SCAN 2 DECODE	(c) SCANNING DECODING	(D) SCANNING (MEM A) (MEM B) DECODING   DECODE (MEMOI	SCANNING (E) DECODING
		<u></u>		

FIG. 13



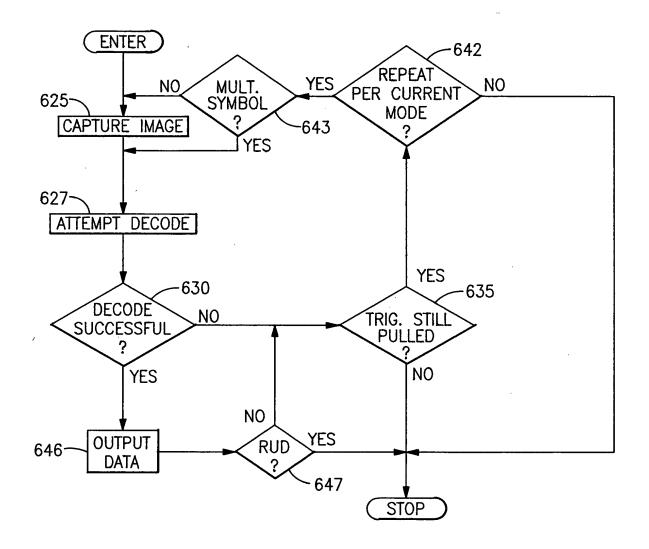
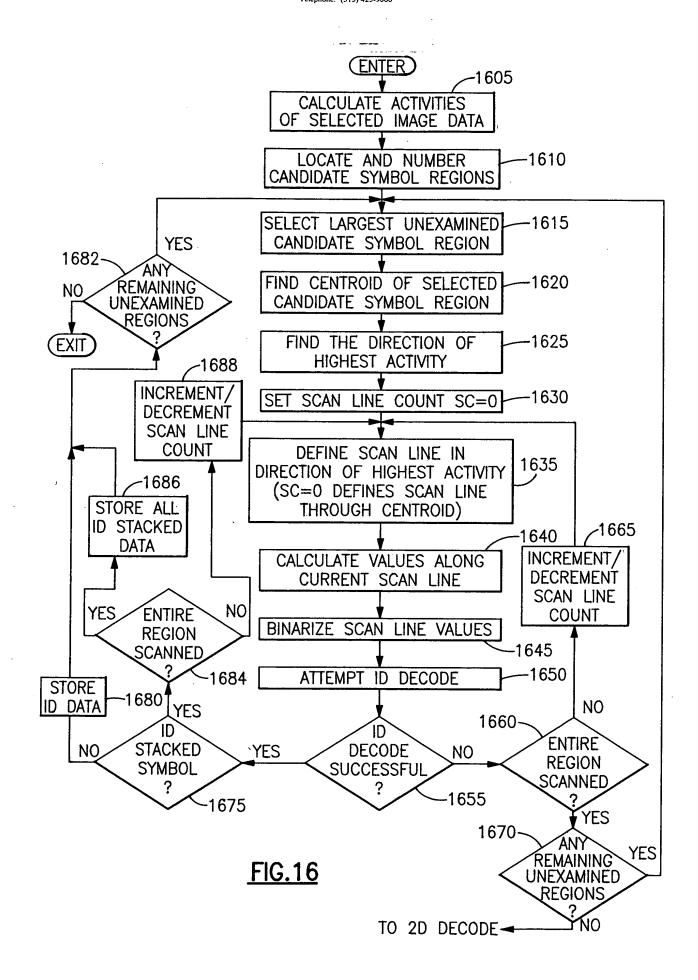
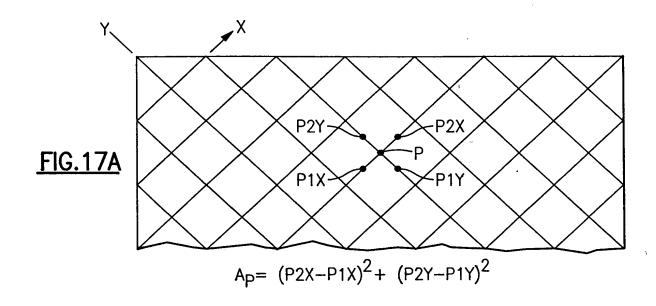
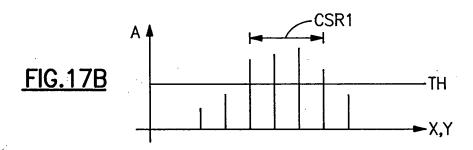
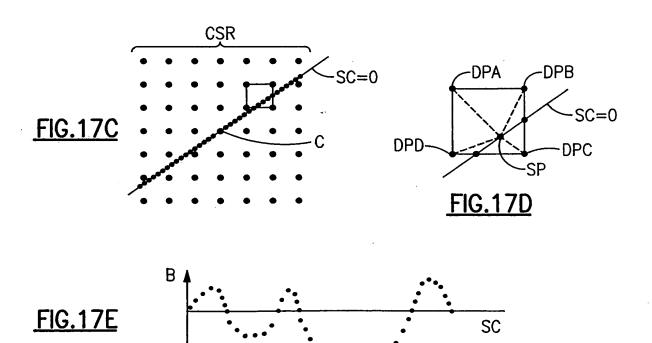


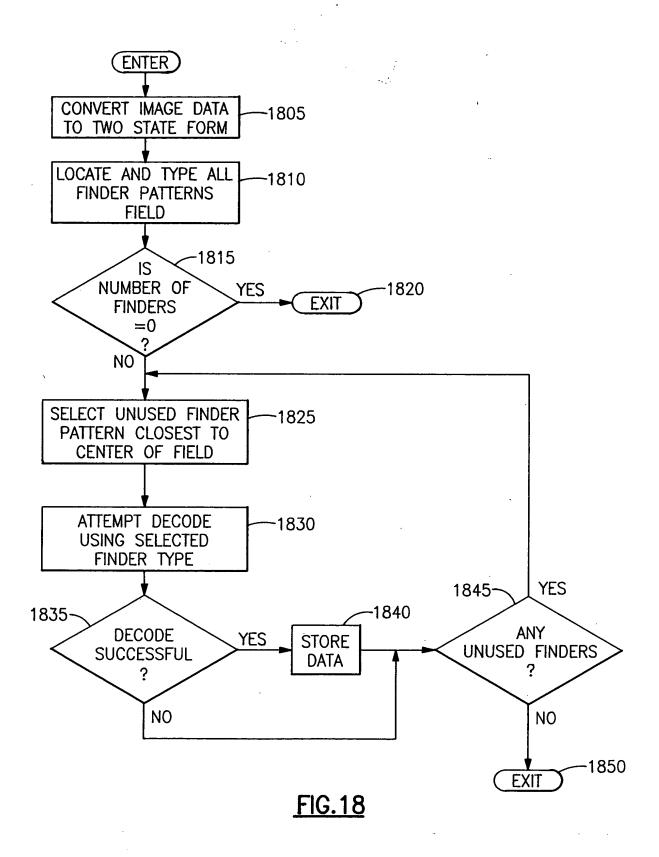
FIG.15











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Andrew Longacre, Jr. et al.
For: Autodiscriminating Bar Code Reading Apparatus Having Solid State Image Sensor
Our Docket No. 703-006.50.27
Telephone: (315) 425-9000



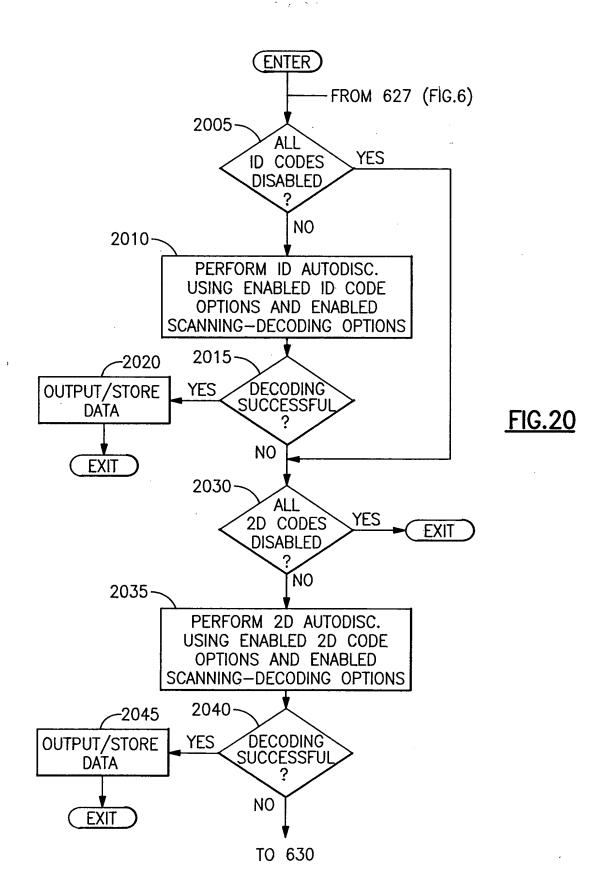
FIG.19B

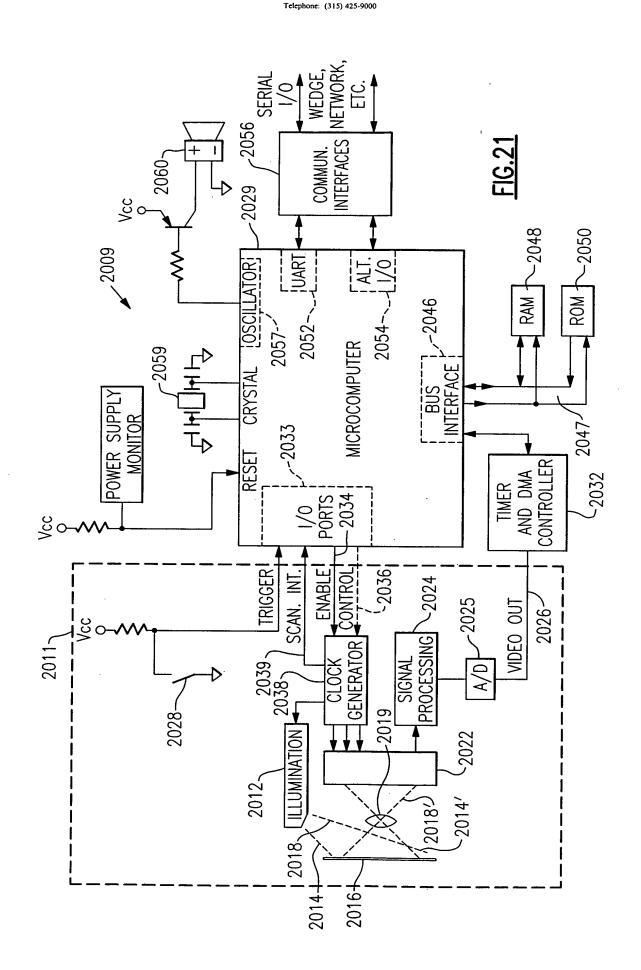


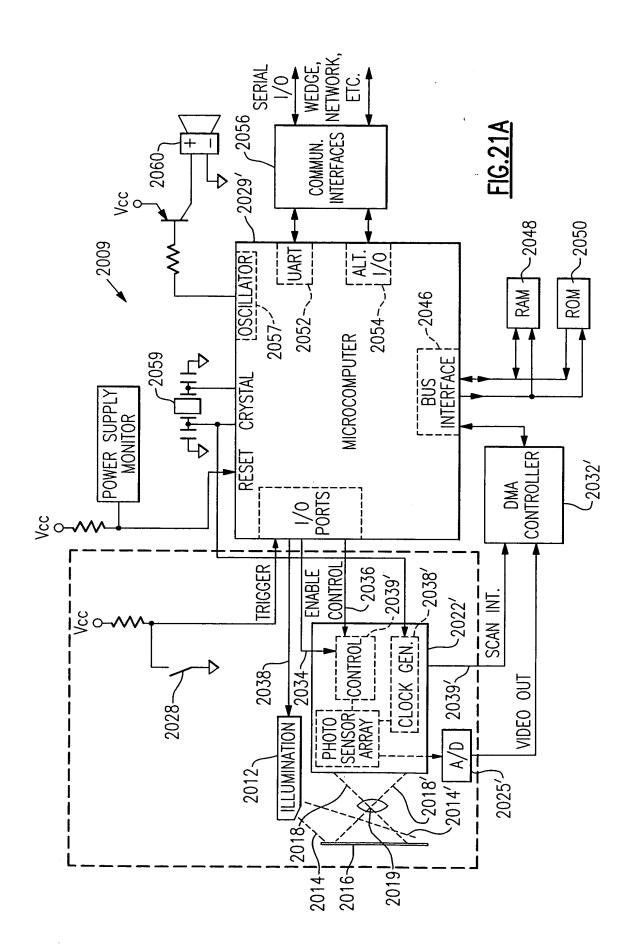
FIG.19C

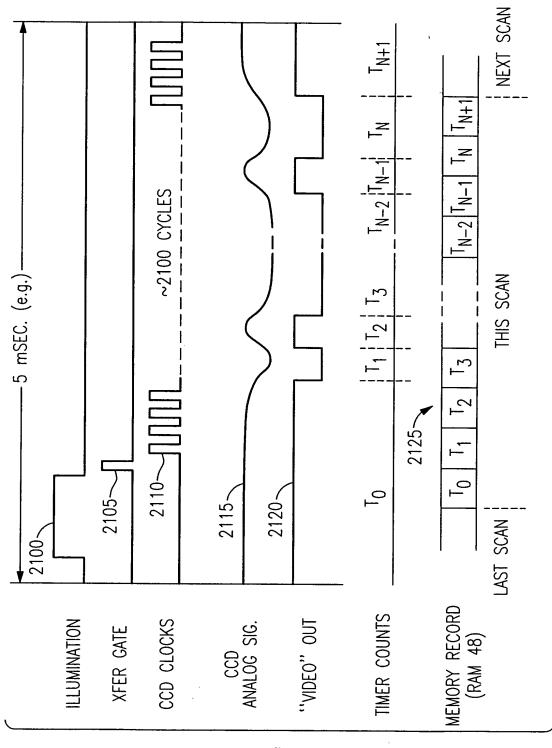


FIG.19D









**IG.22** 

TIME .			ATI .		
SCAN 1 SCAN 2 SCAN 3 SCAN 4 SCAN 5	DECODE   SCAN 4		SCAN 1 SCAN 2 SCAN 3 SCAN 4 SCAN 5	-  DECODESCAN 3	
SCAN 4-	DECODE   SCAN 3		SCAN 4-	DECODE	
	DECODE   SCAN 2	<b>₹</b>	SCAN 3.	00E	<b></b>
1 SCAN 2	DECODE   SCAN 1	FIG.23A Prior Art	1 SCAN 2	DECODE	FIG.23B
			SCAN		
SCANNING	DECODING		SCANNING	DECODING	
2135 LIGHT LOAD		2140 HFAVY	LOAD		

SCANNING   SCAN						
SCAN SCAN SCAN SCAN SCAN SCAN SCAN SCAN						
FIG.24A						
SCANNING SCAN						
DECODING   DECODE   DECODE   DECODE   SCAN 3 SCAN 4						
FIG.24B						
SCANNING SCAN						
DECODING   DECODE   DECODE   DECODE   SCAN 5 SCAN 7						
FIG.24C						
SCAN SCAN SCAN SCAN SCAN SCAN SCAN 1 2 3 4 5 6 7 8						
SCANNING $\left(\begin{array}{c c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ B \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ B \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ B \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) $						
DECODING    DECODE   DECODE   DECODE   DECODE   SCAN 5 SCAN 7 (MEMORY A) (MEMORY B) (MEMORY A) (MEMORY B)  Ts0    Ts2						
FIG.24D						
SCAN SCAN SCAN SCAN SCAN SCAN SCAN 1 2 3 4 5 6 7 8						
SCANNING $\left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ B \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left(\begin{array}{c} MEM \\ B \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left(\begin{array}{c} MEM \\ A \end{array}\right) \left(\begin{array}{c} MEM \\ C \end{array}\right) \left($						
DECODING   DECODE   DECODE   DECODE   DECODE   SCAN 1 SCAN 2 SCAN 4 SCAN 6 (MEMORY A) (MEMORY B) (MEMORY A) (MEMORY B)						

**FIG.24E** 

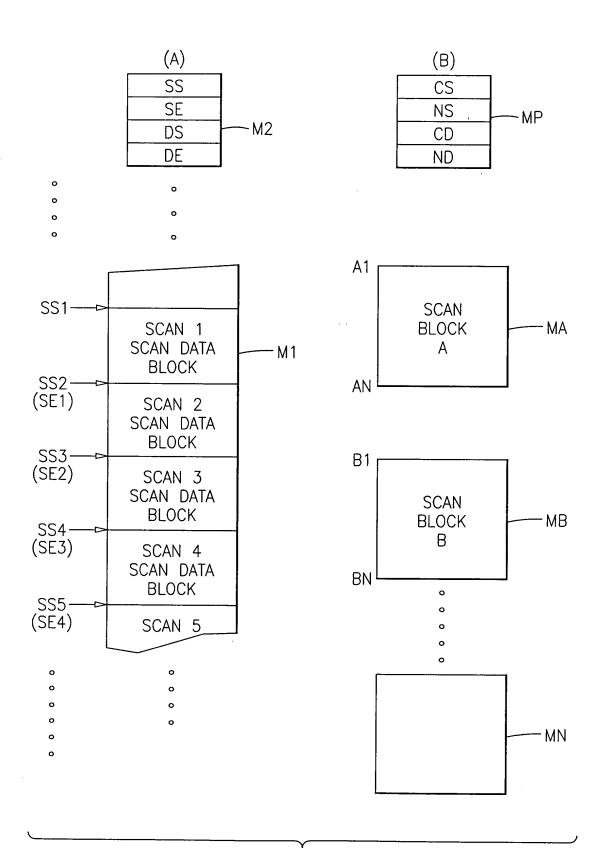


FIG.25

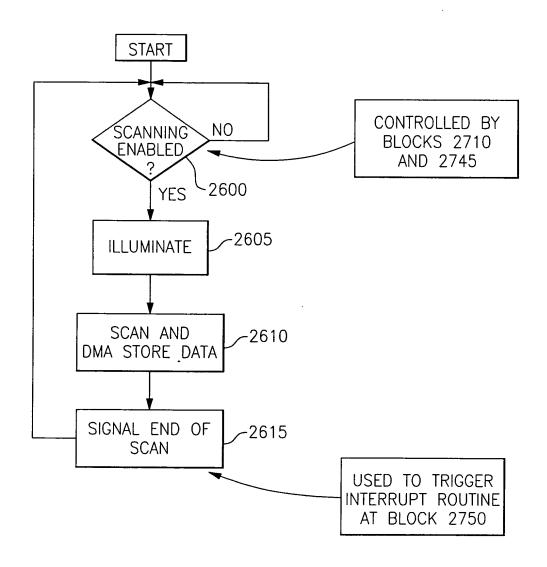


FIG.26

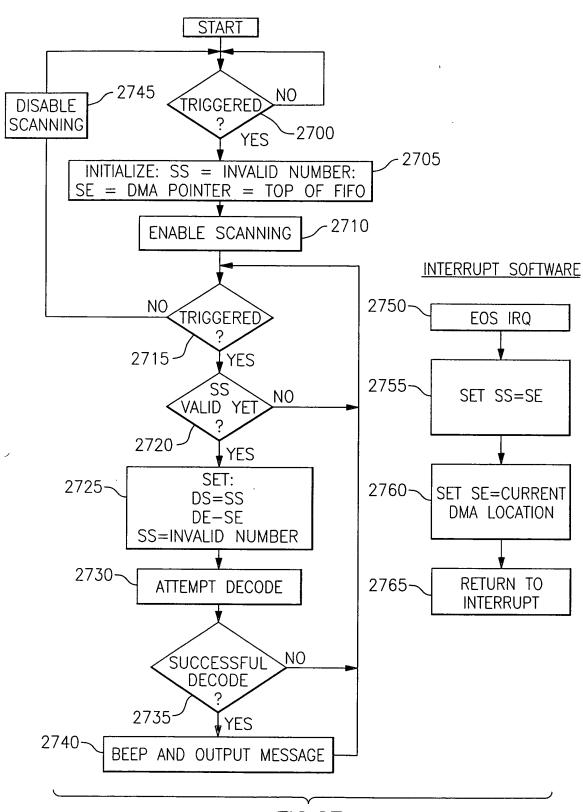


FIG.27

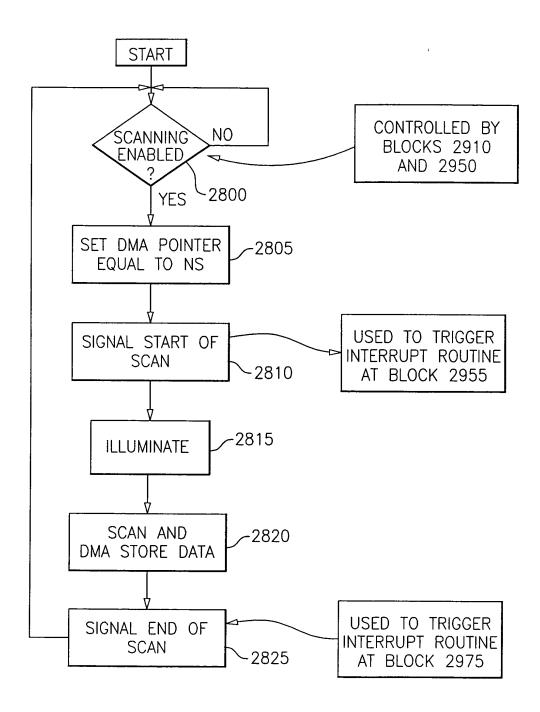


FIG.28

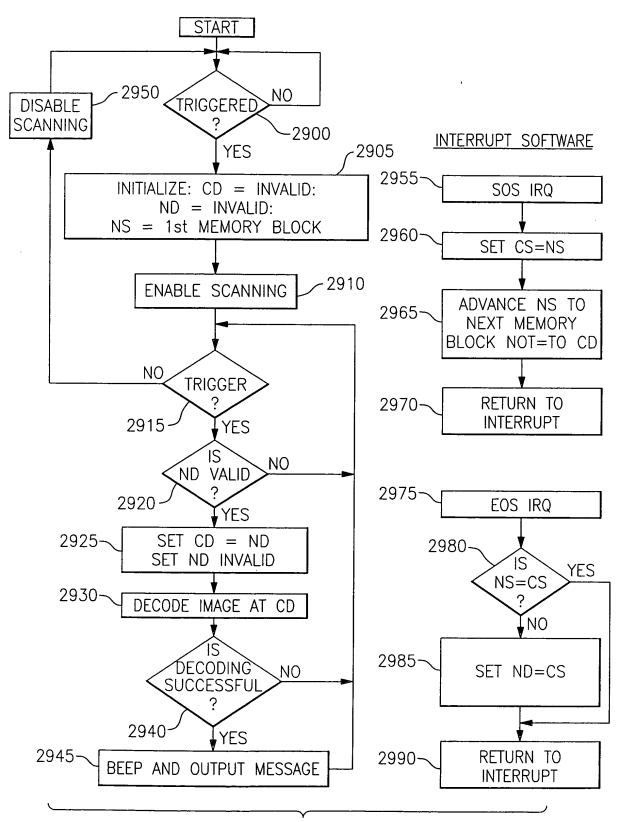
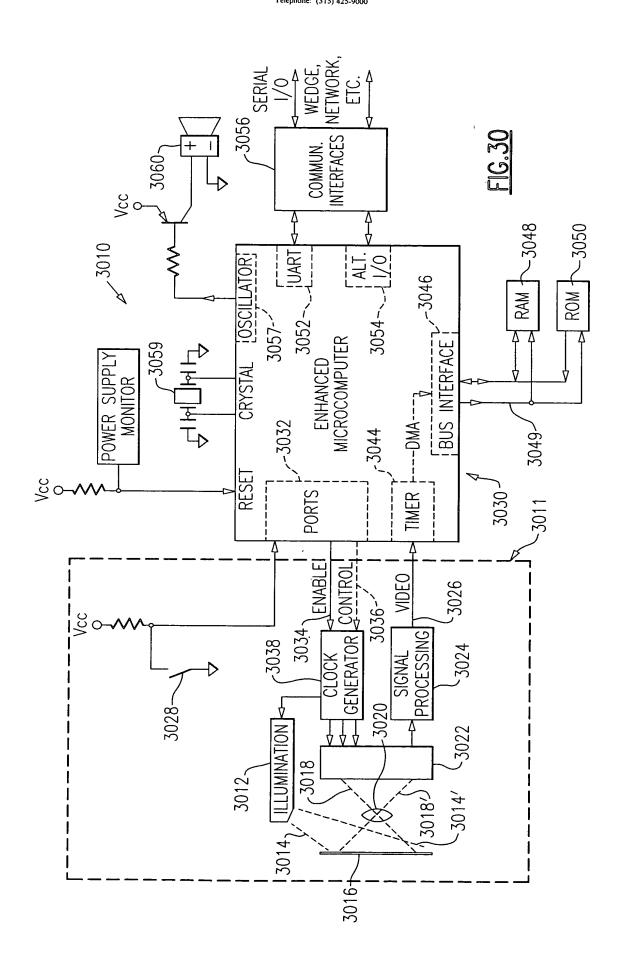
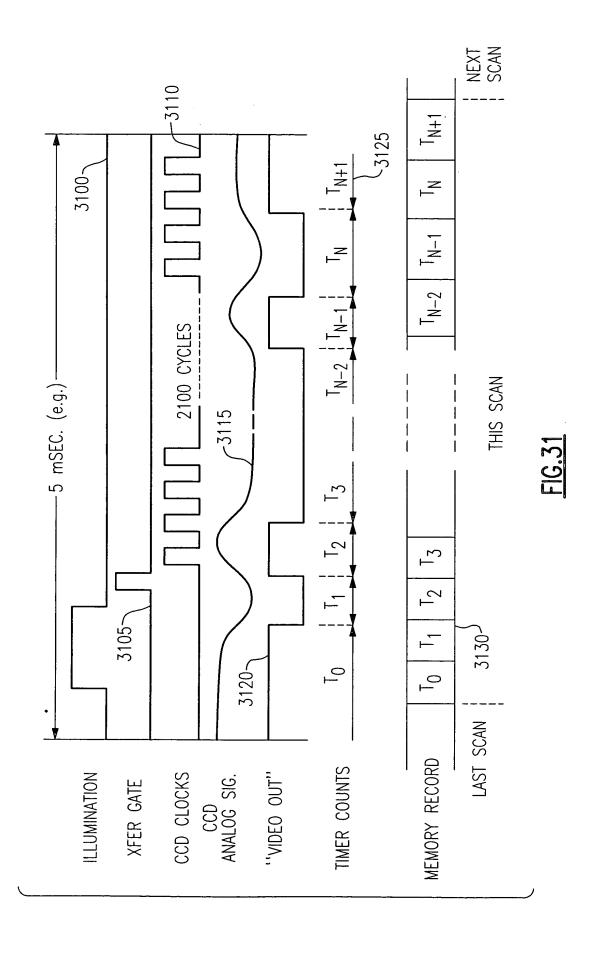
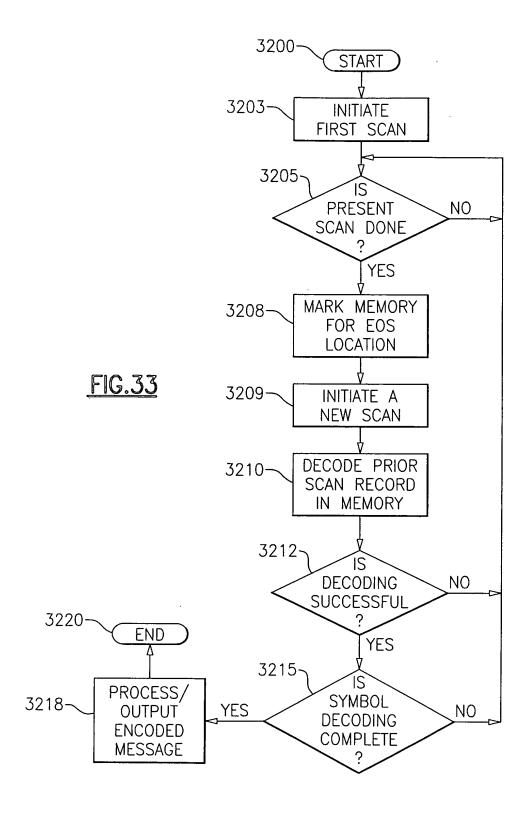


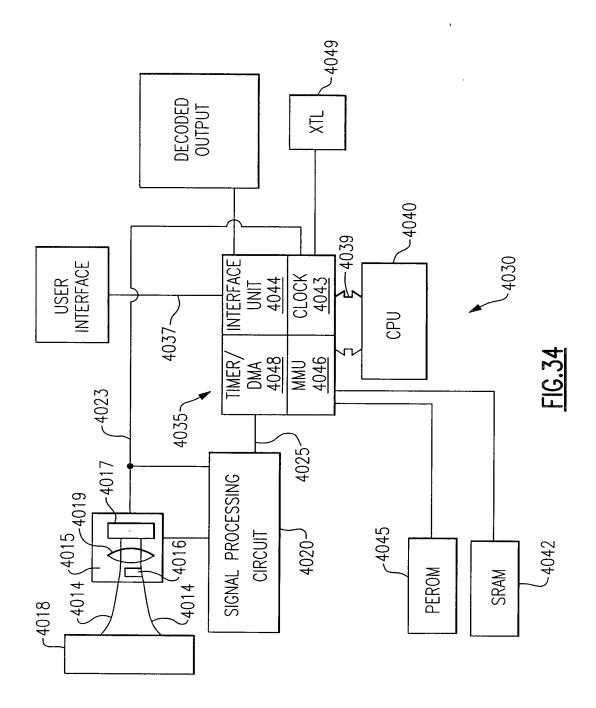
FIG.29





<u></u>		<b>•</b>	SCAN 4     DECODE SCAN 3
-+- SCAN 4   DECODE   SCAN 3	5 <del> </del> - SCAN 4 DECODE SCAN 2	-+- SCAN 4 - DECODE   SCAN 3	SCAN 3  DECODE SCAN 2
+- SCAN 3 DECODE	CAN 3	-+- SCAN 3 DECODE	
+- SCAN 2 DECODE	+- SCAN 2+- S +- DECODE SCAN 1 FIG.32A Prior Art	SCAN 2 DECODE   SCAN 1	SCAN 2
SCAN 1	SCAN 1	SCAN 1	SCAN 1
SCANNING	SCANNING	SCANNING	SCANNING
LOAD	LOAD	LIGHT	LOAD





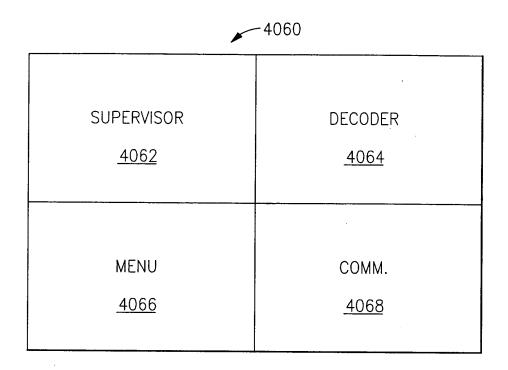
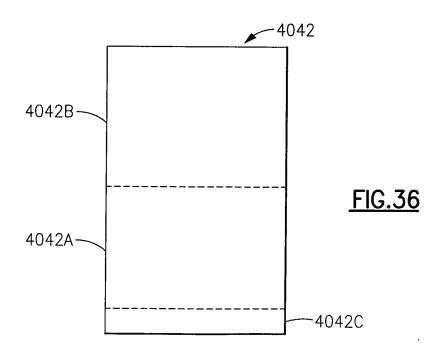
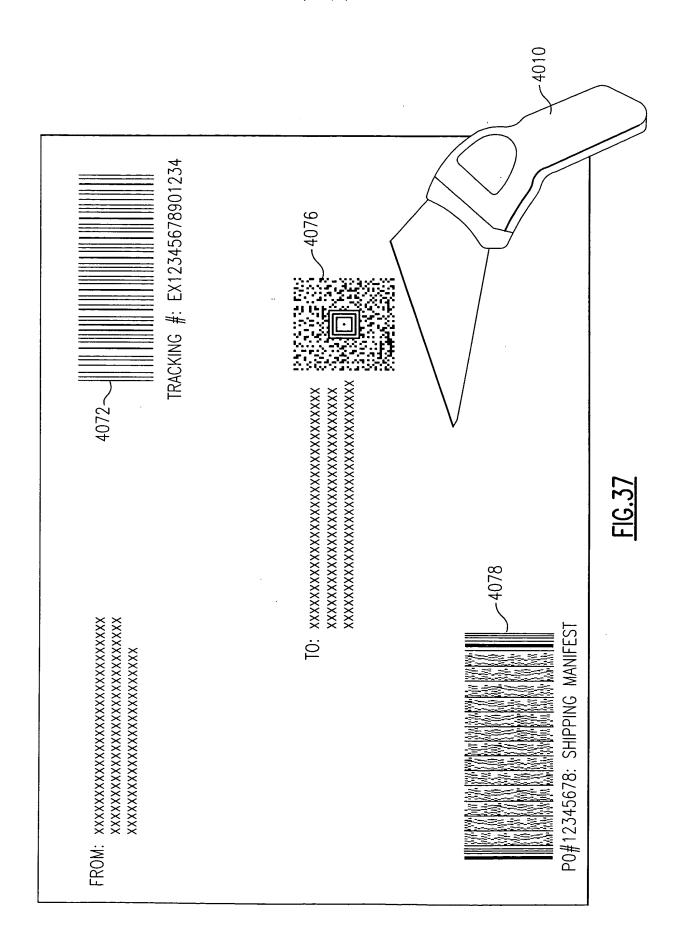
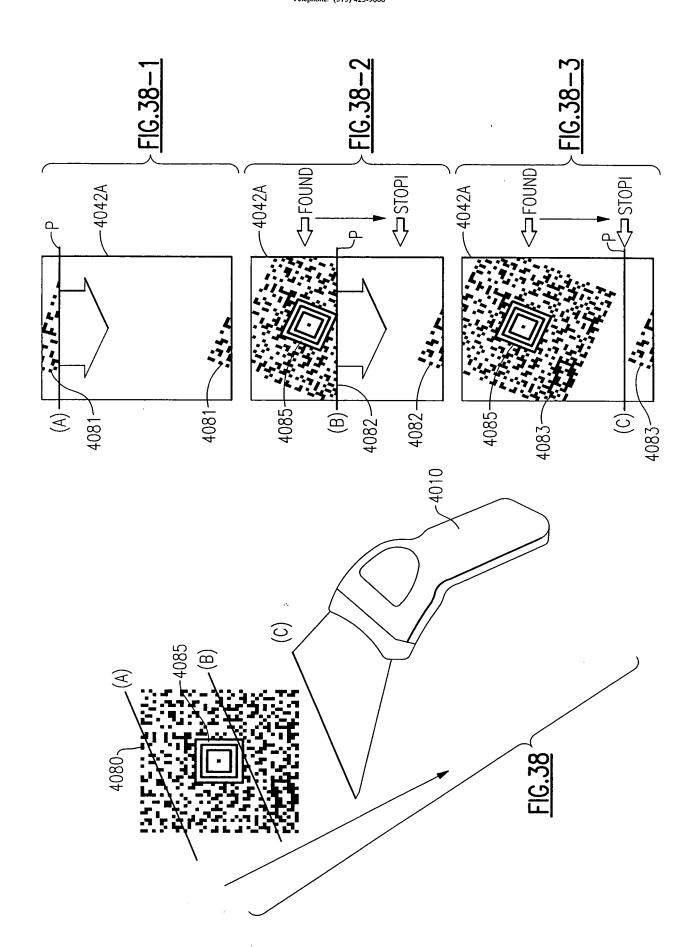


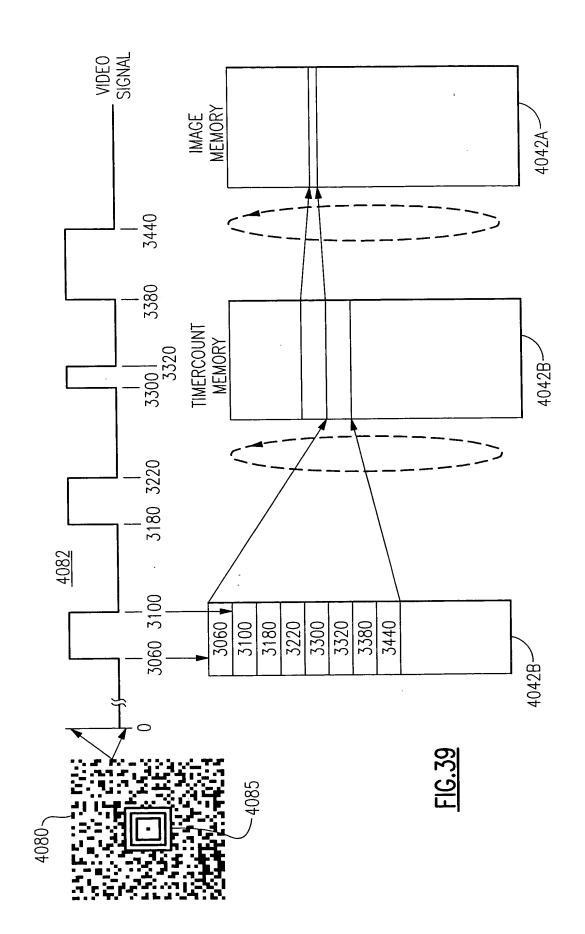
FIG.35

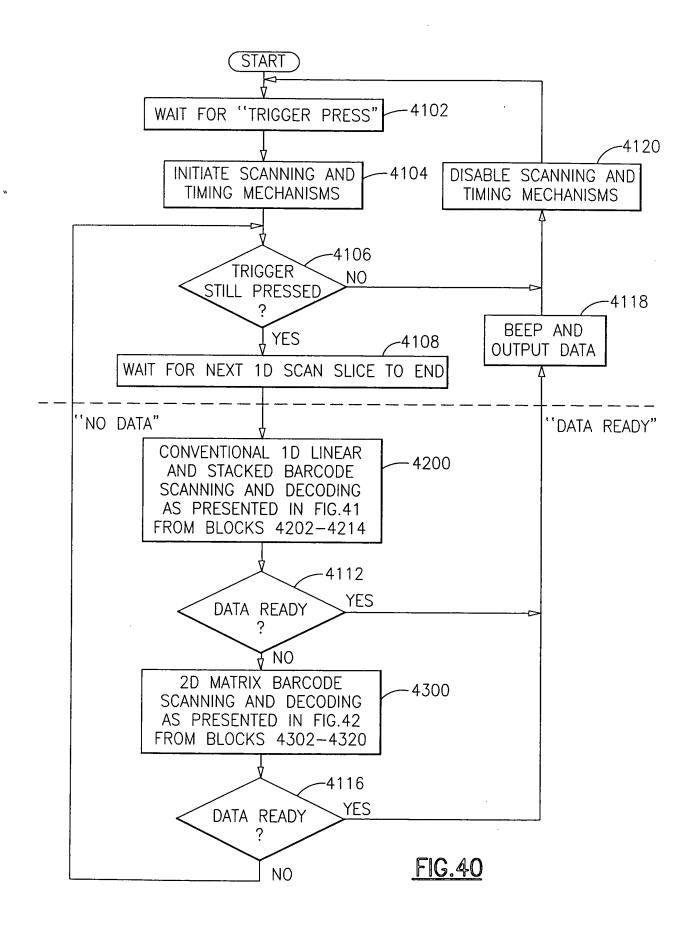


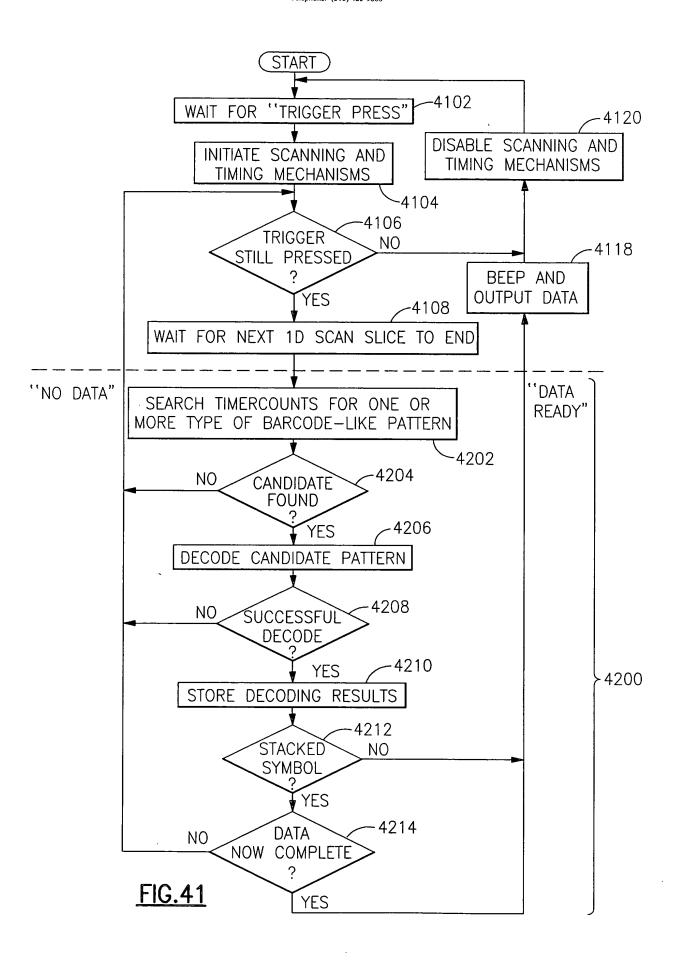


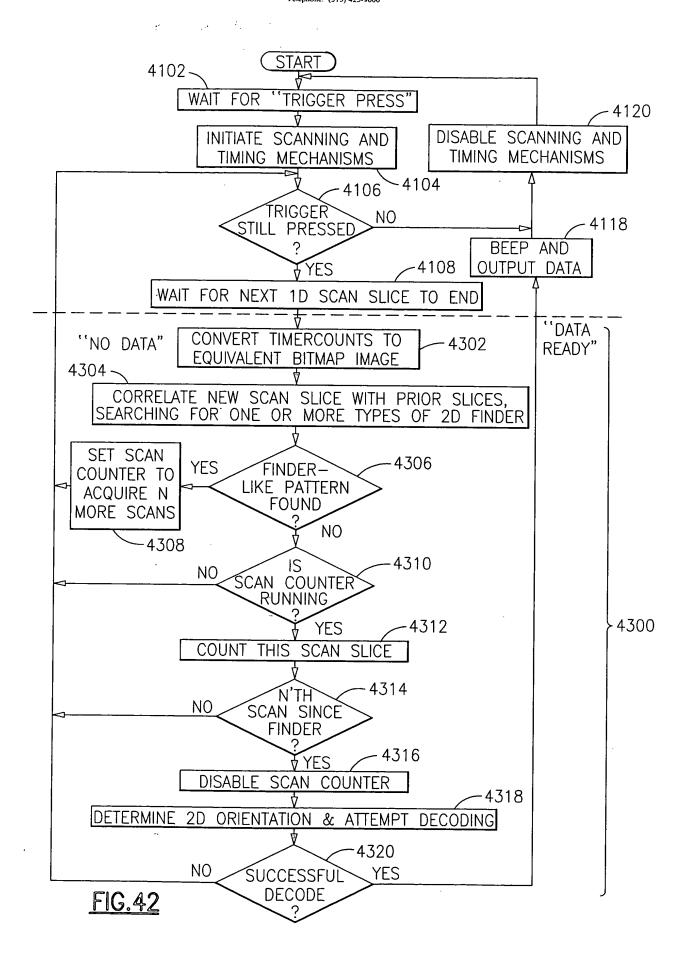


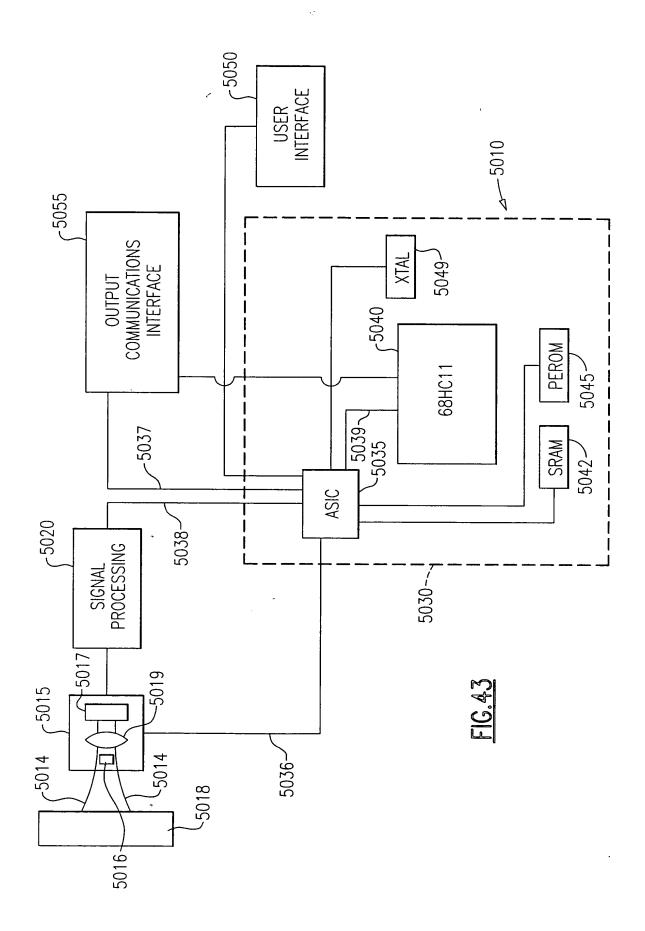
a restantante e de la abitat esta esta estado persona apara e en espera estado deposito e designo en entre esta

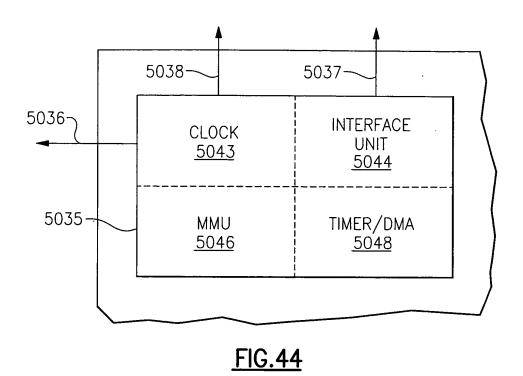












SUPERVISOR DECODER 5062 5064

MENU COMM. 5066 5068

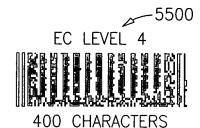
FIG.45

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5410

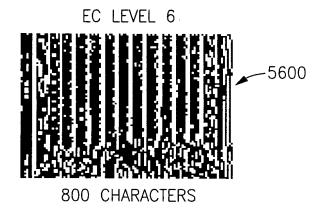
## FIG.46



5510

FIG.47

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5610

**FIG.48** 

